

Name: _____

Draw a line to match each problem with the same answer.

36% of 100



48% of 75

100% of 88



44% of 200

76% of 50



66% of 200

85% of 160



80% of 170

88% of 150



47% of 200

26% of 200



32% of 150

94% of 100



95% of 40

60% of 80



52% of 100

Reduce $\frac{4}{8}$ to its lowest terms.

Reduce $\frac{8}{44}$ to its lowest terms.

$$13 + \frac{1}{5} + \frac{1}{6} =$$

Yummy Donuts gave three dozen chocolate donuts and six dozen jelly donuts to the school. How many donuts did they give?

$$8 + 9 \times 1 - 9$$

How many minutes is it from 6:00 a.m. to 10:35 a.m.?

5, 7, 9, 11, _____, 15, 17

How much time is it from 7:00 a.m. to 10:55 a.m.?

6, 134, 12, 121, 18, 108,
24, 95, 30, 82,
_____, 69

Name: _____

$$\begin{array}{c} 874 \\ + \\ 788 \quad 86 \end{array}$$

$$\begin{array}{c} 182 \\ + \\ 112 \quad \end{array}$$

$$\begin{array}{c} 459 \\ + \\ \quad 52 \end{array}$$

$$\begin{array}{c} 160 \\ + \\ 114 \quad \end{array}$$

$$\begin{array}{c} 318 \\ + \\ \quad 28 \end{array}$$

$$\begin{array}{c} 496 \\ + \\ 400 \quad \end{array}$$

$$\begin{array}{c} 233 \\ + \\ 148 \quad \end{array}$$

$$\begin{array}{c} 182 \\ + \\ \quad 70 \end{array}$$

$$\begin{array}{c} \\ \times \\ 65 \quad 3 \end{array}$$

$$\begin{array}{c} \\ \times \\ 55 \quad 7 \end{array}$$

$$\begin{array}{c} \\ \times \\ 58 \quad 3 \end{array}$$

$$\begin{array}{c} \\ \times \\ 51 \quad 5 \end{array}$$

$$\begin{array}{c} \\ \times \\ 40 \quad 3 \end{array}$$

$$\begin{array}{c} \\ \times \\ 44 \quad 2 \end{array}$$

$$\begin{array}{c} \\ \times \\ 84 \quad 6 \end{array}$$

$$\begin{array}{c} \\ \times \\ 42 \quad 4 \end{array}$$

$$\begin{array}{r} 605 \\ - 93 \\ \hline \end{array}$$

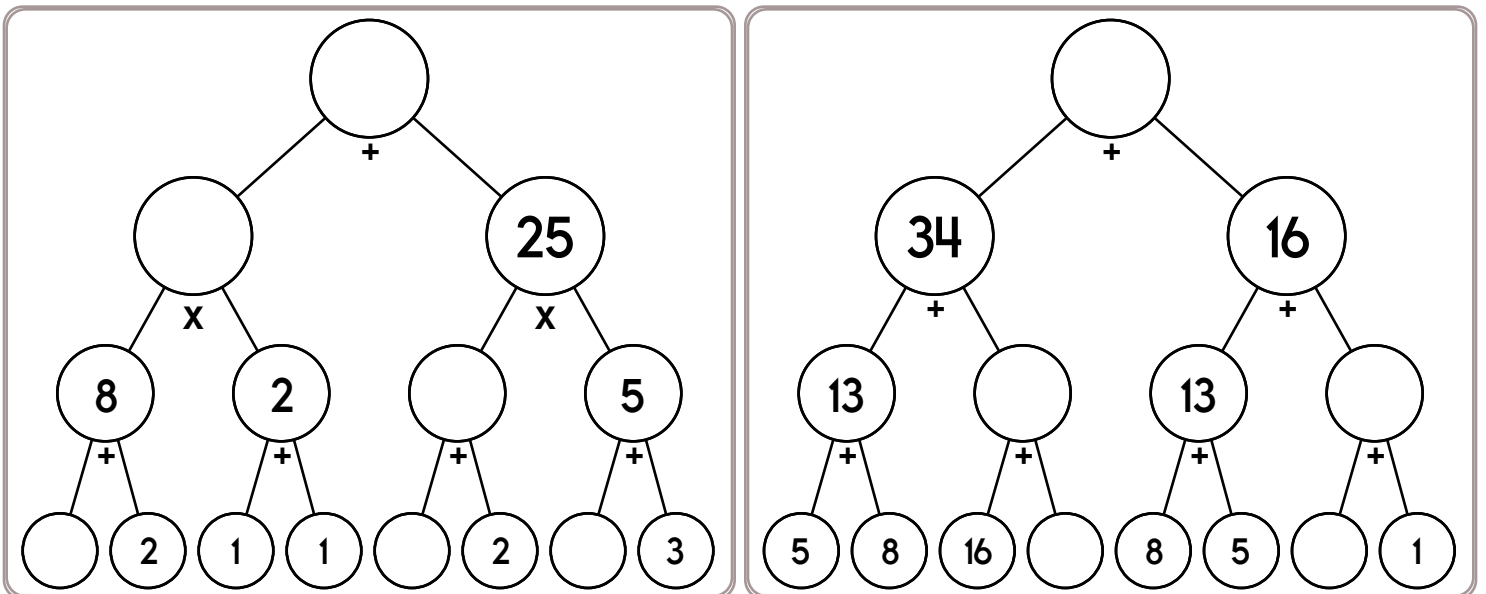
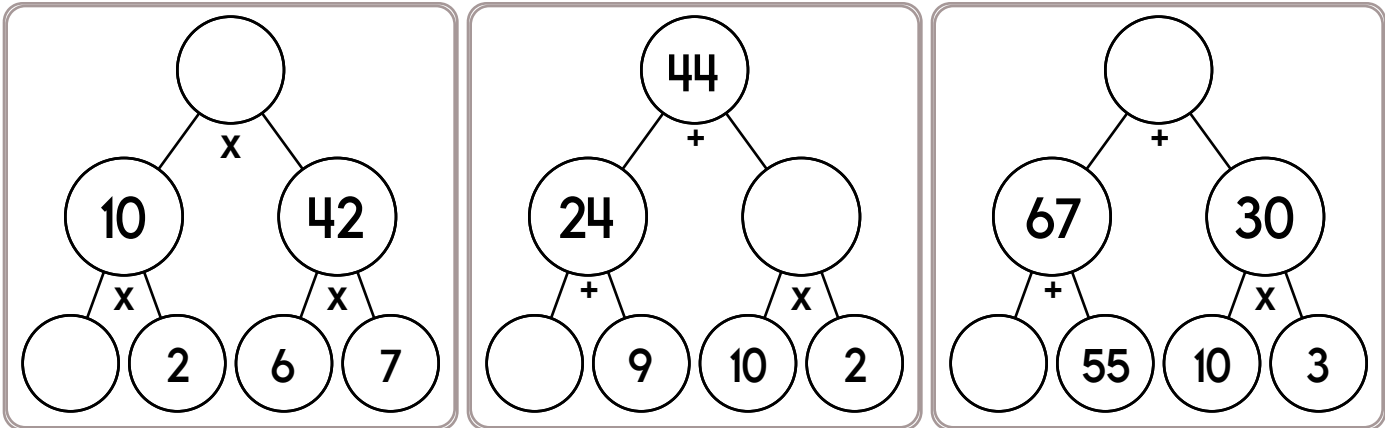
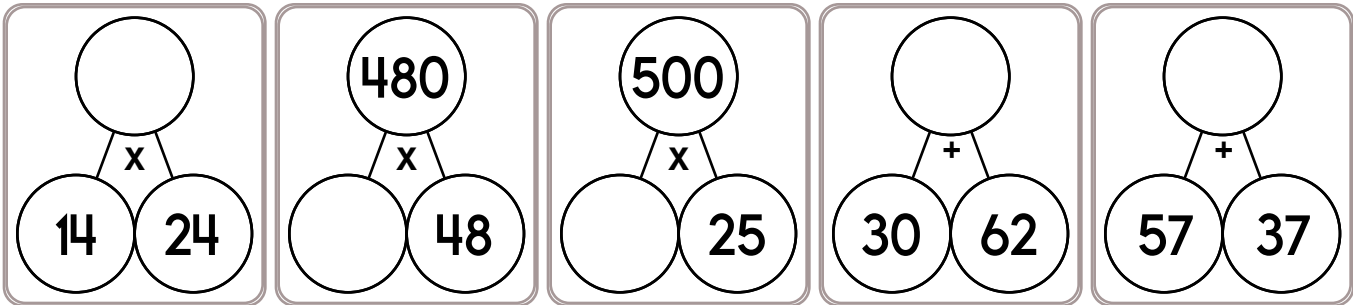
$$\begin{array}{r} 250 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 616 \\ - 82 \\ \hline \end{array}$$

$$\begin{array}{r} 296 \\ - 53 \\ \hline \end{array}$$

$$\begin{array}{r} 797 \\ - 90 \\ \hline \end{array}$$

Name: _____



0.2×0.08

What is the remainder of 49 divided by 5?

Use $>$, $<$, or $=$ to complete.

$83\% \text{ --- } \frac{3}{7}$

$89\% \text{ --- } \frac{1}{3}$

$63\% \text{ --- } \frac{1}{8}$

Name: _____

Mrs. Martin researched her family tree. When she had as much information as she could find, she put it all in a book. She had 33 copies of the book printed and sent most of them to family members. Each book was 28 pages. How many pages were printed?

Amy's father is her hero. He is a farmer and works very hard every day to take care of his family. He spends time with Amy and her brother every day, even when he is very tired. On their farm they have a herd of dairy cattle. There are one hundred twenty-seven cows in the herd. If it takes half of an acre of pastureland to provide grass for each cow, how many acres of pastureland are needed to provide grass for their dairy cattle?

$$\frac{5}{6} \div \frac{2}{12} =$$

$$\frac{6}{7} \times \frac{3}{6}$$

$$18z - 17.2 = 54.8$$

$$z =$$

On National Do Nothing Day, Mr. and Mrs. Johnson played Monopoly all day. Mr. Johnson won two of the first five games they played. At that rate, how many games will have been played when Mr. Johnson wins his fourth game?

Gavin bought 13 packages of hot dogs for the National Hot Dog Month picnic. Each package weighed 14 ounces. How many pounds of hot dogs did he buy?

The mailman has 27 pieces of mail left in his bag. Seven are for the Johnsons and the rest are for the Martins. If he takes one piece of mail out at random, what are the odds it will be for the Johnsons? Write your answer as a fraction.

Name: _____



$30 \div 6 =$

$110 \div 10 =$

$100 \div 10 =$

$22 \div 11 =$

$16 \div 2 =$

$120 \div 10 =$

$63 \div 9 =$

$60 \div 10 =$



$__ \div 5 = 2$

$18 \div __ = 2$

$__ \div 4 = 7$

$8 \div __ = 4$

$24 \div __ = 8$

$__ \div 7 = 7$

$__ \div 5 = 3$

$12 \div __ = 4$

$__ \div 6 = 4$

$__ \div 9 = 7$

$48 \div __ = 8$

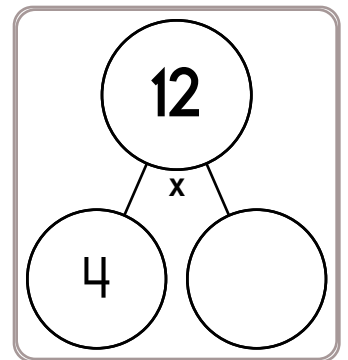
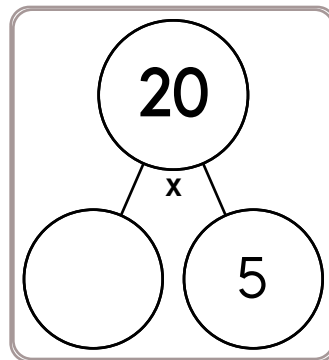
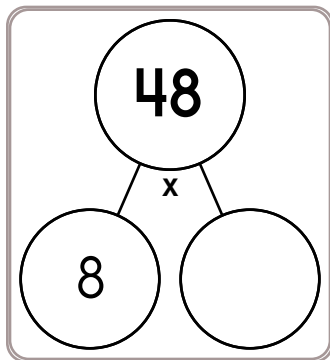
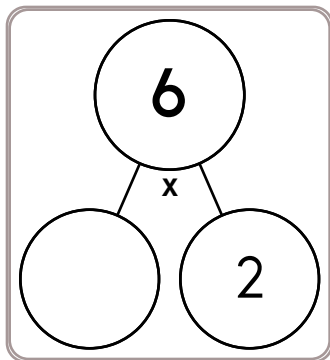
$72 \div __ = 8$

$3 \overline{)18}$

$6 \overline{)48}$

$7 \overline{)14}$

$4 \overline{)24}$



Name: _____

In 1996 the Taco Bell Corporation said it had bought the Liberty Bell. They said they would call it the Taco Liberty Bell. Many people were very angry. Taco Bell said that it was a joke! Perhaps 405 people wrote letters or made phone calls about the joke. If $\frac{3}{5}$ of the people wrote letters, how many made phone calls?

Miss Miller, the Spanish teacher at Lakeland High School, needs some books about Spanish history, geography, and culture for her class. The school librarian found 46 books for her. Miss Miller signed out 26 of the books. What is the ratio of books signed out to books not signed out? Express your answer as a fraction in lowest terms.

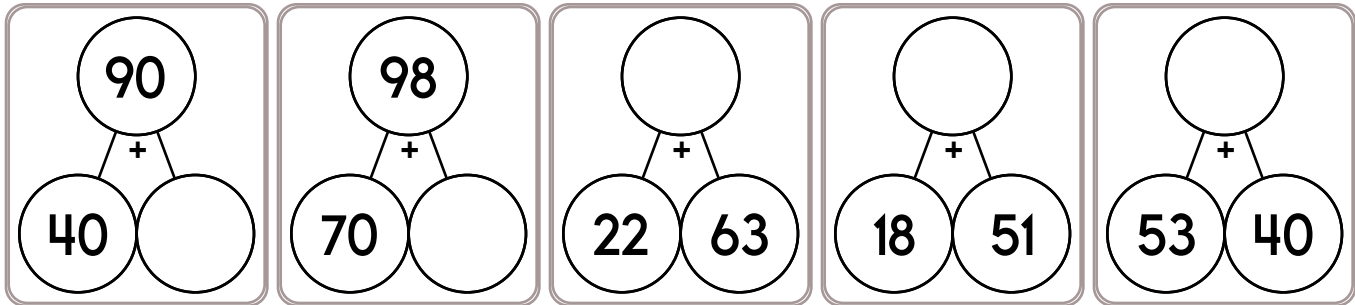
"Hey, Ted!" called out his friends. But Ted didn't reply. He was texting. They don't call him Texty Ted for nothing! Ted sends an average of 41 texts in only 3 minutes. At precisely 3:22 Ted finally sat down outside of school to play his phone. He played his phone until 3:46 when his phone ran out of power. How many texts do you think Texty Ted sent?

$10 \times 9 =$

$49,872 + 16,718 =$

$10 \times 12 =$

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Find the difference
between 10.3 and 4.8.

$$0.41 + 1.6 + 0.2 =$$

$$8 - 5.5 =$$

What is the remainder of
125 divided by 16?

$$7.6399 \times 10^4 =$$

$$2 \times 54 \div 6$$

Rosa climbed 7 meters in
only 40.8 seconds. How
many meters did she climb
per second?

$$y = x + 14$$

$$y = 24$$

What is the value of x?

$$5 + (54 \div 6) - 63 \div 9 =$$

Name: _____

$\begin{array}{r} 17 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 48 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ - 7 \\ \hline \end{array}$
$\begin{array}{r} 11 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 87 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 59 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 72 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 43 \\ - 2 \\ \hline \end{array}$

$$12 \overline{)144}$$

$$9 \overline{)54}$$

$$9 \overline{)72}$$

$$6 \overline{)30}$$

$$7 \overline{)35}$$

$$5 \overline{)40}$$

$$2 \overline{)12}$$

$$4 \overline{)40}$$



$$59 - 6 =$$

$$43 - 2 =$$

$$82 - 9 =$$

$$49 - 4 =$$

$$41 - 9 =$$

$$80 - 3 =$$

$$85 - 8 =$$

$$45 - 7 =$$

$$21 - 6 =$$

$$26 - 7 =$$

$$31 - 8 =$$

$$80 - 7 =$$

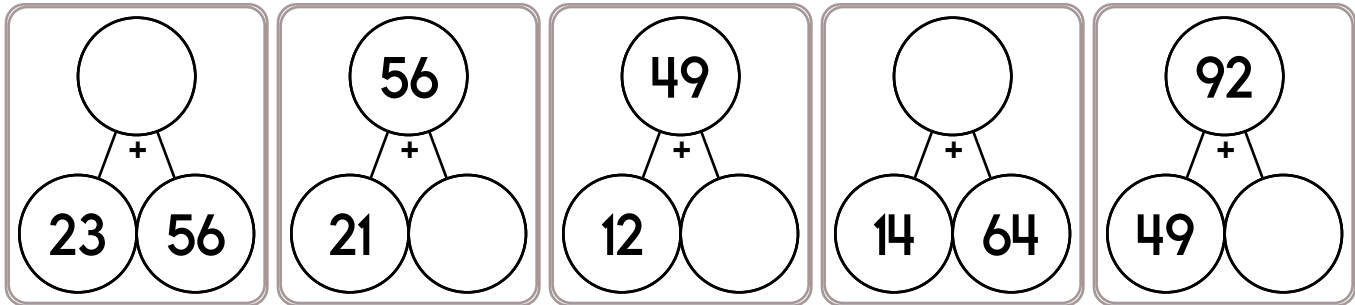
$$9 \overline{)72}$$

$$2 \overline{)18}$$

$$3 \overline{)24}$$

$$6 \overline{)18}$$

Name: _____



$$|-6| + n = 12$$

$n =$

Simplify.

$$\frac{52}{104} =$$

$$p - \$57 = \$26$$

What is the value of p ?

$$4 \times 64 \div 8 - 36 \div 12 =$$

$$0.3 (0.7 (0.3 + 7)) =$$

In what quadrant would you find the point $(-8, 6)$?

$$t - 13 + 7 = 19$$

What is the value of t ?

I, J, K, K, _____, L, O,
M, Q, N

Circle the greatest amount:

12%

0.47

$$\frac{4}{25}$$

What is the mode of the following number set?

25, 32, 24, 19, 31, 29, 23, 27, 17,
30, 16, 22, 34

The letter p is used to represent power points in a game, which can range from 440 to 1,613 points. Express this as an inequality.

7, 10, 17, 27, _____, 71,
115, 186, 301, 487, 788,
1275, 2063

Name: _____

Cross off the number that does NOT belong.

34, 43, 55, 70, 88, 107, 109, 133, 160, 190, 223

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

6, 30, 36, 180, 185, 186, 930, 936, 4680

Why does _____ not belong in the pattern?

Name: _____

<p>One hundred eighty people entered the sandcastle-building contest. Each person was given 11 gallons of sand for building. How many cups of sand were given to the contestants in all? (Note: There are 16 cups in one gallon.)</p>	<p>Mary left her house at 10:29 a.m. She arrived at the newspaper office 32 minutes later. She spent 41 minutes working on her story and then took a 15-minute break. At what time did she finish her break?</p>	<p>Yesterday it rained for $3\frac{1}{3}$ hours at Maria's house. She got to use her new pink umbrella. At Mary's house it only rained for 2.4 hours. How much longer did it rain at Maria's house?</p>
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<p>Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 3, 6, and 6. Make three different decimal numbers. Put your three decimal numbers in order from largest to smallest.</p>	$\begin{array}{r} 458 \\ + 420 \\ \hline \end{array}$	$15 \div 5 =$
		$12 \times 7 =$

<p>What time is 15 hours after 3:00 p.m.?</p> <p>_____</p>	$15 \div 5 =$ _____	$\begin{array}{r} 31 \\ + 46 \\ \hline \end{array}$	$\begin{array}{r} 89 \\ - 73 \\ \hline \end{array}$
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$9 \times 4 =$ _____	$1 \text{ kg} = 1,000 \text{ g}$ $13 \text{ kg} =$ _____ g
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Name: _____

Sudoku Sums of 10

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 10.

Here is an example of a sudoku sum of 10:

3	7
---	---

		3	1	5	
4					3
5					
		6	4		
		1		2	

$18 \div 9 = \underline{\hspace{2cm}}$

Write an equation to represent this:

The sum of nine and eight is seventeen.

$$\begin{array}{r} 542 \\ - 175 \\ \hline \end{array}$$

$48 \div 4 = \underline{\hspace{2cm}}$

$6 \times 6 = \underline{\hspace{2cm}}$

$7 \times 3 = \underline{\hspace{2cm}}$

$14 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

For 959,416,490, write the digit that is in the ten thousands place.

$77 \div 11 = \underline{\hspace{2cm}}$

Name: _____

$144 \div 12 =$ _____	How many grams are in 8 kilograms? _____ grams	$33 \div 3 =$ _____
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Rewrite these in increasing order of length: 743 mm, 519 km, 699 cm	Can 702 be evenly divided by 3? Circle: 702 is NOT evenly divisible by 3 702 is evenly divisible by 3
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Write the missing family fact. $91 + 58 = 149$ $58 + 91 = 149$ $149 - 58 = 91$ _____	$18 \div 2 =$ _____	$24 \div 2 =$ _____
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Jessica rolls a die. What is the chance of her rolling a 1? _____	$12 \times 5 =$ _____	The product of two consecutive whole numbers is 42. What are the two consecutive whole numbers?
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$11 \times 2 =$ _____	Circle the greatest number: 9,028 9,048,635,281 21,834,765 675,403,192,571	$11 \times 5 =$ _____
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Name: _____

There are five objects (a violet object, a green object, a red object, a purple object, and a gray object). Each object has a different mass (18 g, 24 g, 42 g, 50 g, and 74 g) and a different volume (17 cubic cm, 56 cubic cm, 37 cubic cm, 8 cubic cm, and 148 cubic cm).

Density = Mass / Volume

Figure out the mass, volume, and density of each object.

1. The purple object has a density of 1.351 grams per cubic cm and a volume of 37 cubic cm.
2. The violet object has a mass of 74 g and a volume of 148 cubic cm.
3. The gray object has a density of 3 grams per cubic cm and a mass of 24 g.
4. The density of water is 1.0 grams per cubic cm. If the green object was placed in water, it would float.
5. The purple object has a greater mass than the gray object.
6. The volume of the gray object is not 56 cubic cm.
7. The volume of the purple object is not 56 cubic cm and it is also not 17 cubic cm.
8. The green object has a greater mass than the red object.
9. The density of aluminum is 2.7 grams per cubic cm. The gray object is more dense than aluminum.
10. One object has a volume of 17 cubic cm and a density of 1.059 grams per cubic cm.
11. The density of water is 1.0 grams per cubic cm. If the red object was placed in water, it would sink.

violet object has a mass of _____, a volume of _____, and a density of _____.

green object has a mass of _____, a volume of _____, and a density of _____.

red object has a mass of _____, a volume of _____, and a density of _____.

purple object has a mass of _____, a volume of _____, and a density of _____.

gray object has a mass of _____, a volume of _____, and a density of _____.

Name: _____

The (make-believe) country of Slowmonia is always super slow. But they are hard working, and after 25 years of research, the country of Slowmonia launched a rocket into space to land on Pluto. It is slow! It travels 2.032 kilometers in a month. How far will it travel in 40 years?

Rewrite $11 - 3$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

What is the number that is 2 less than 1?

$$10 + -1 = \underline{\quad}$$

$$10 - 1 = \underline{\quad}$$

$$\frac{6}{11} \times \frac{1}{6}$$

If $n = -5$ and $h = 49$ then what is $11n + 10h - 2h = ?$

Circle the percentage that is closest to 26 out of 53:

14%

43%

67%

$$757 + 722 = \underline{\quad}$$

$$883 + 599 = \underline{\quad}$$

Name: _____

$$-10 \times 9 =$$

$$4 + -9 =$$

$$88 \div -11 =$$

$$12 \times -1 =$$

$$-12 \times -6 =$$

$$3 - 4 - 1 =$$

$$-44 + 30 =$$

$$-4 - 2 - 2 =$$

$$-3 - 2 =$$

$$-9 + 8 =$$

$$-11 - 9 =$$

$$66 \div -6 =$$

$$-8 + -7 =$$

$$\frac{-48}{-12} =$$

$$5 - 2 - 15 =$$

Name: _____

Write each product in the simplest form.

$$7 \times 4 \frac{5}{6}$$

$$2 \frac{4}{5} \times 6$$

$$21 \frac{1}{2} \times 28$$

$$29 \times 5 \frac{2}{3}$$

$$19 \times 1 \frac{5}{7}$$

$$26 \frac{1}{5} \times 44$$

$$2 \frac{1}{3} \times 28$$

$$25 \times 3 \frac{9}{11}$$

$$44 \frac{5}{12} \times 48$$

$$37 \times 5 \frac{3}{4}$$

$$2 \frac{1}{3} \times 14$$

$$26 \times 3 \frac{2}{3}$$

Name: _____

$89\frac{1}{3}$	-58					$+8\frac{9}{11}$		-14
		+18				$+\frac{2}{3}$		
	$-\frac{5}{11}$							$+\frac{1}{3}$
$-6\frac{1}{3}$						$+\frac{2}{3}$	$+\frac{1}{3}$	
						$63\frac{10}{11}$		
$-\frac{7}{11}$						+57	$-5\frac{3}{11}$	
	+1		-36				+7	$62\frac{5}{11}$

76	$-\frac{1}{2}$		$-8\frac{4}{7}$		+35	
						$-\frac{6}{7}$

	+18	$140\frac{1}{14}$	+41		-2	
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-9

$149\frac{1}{14}$	$-5\frac{1}{2}$		$-\frac{1}{2}$		-59		$+\frac{4}{7}$	$84\frac{9}{14}$
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Name: _____

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.

A block with 2 spaces must have the numbers 1 and 2.

A block with 3 spaces must have the numbers 1, 2, and 3.

A block with 4 spaces must have the numbers 1, 2, 3, and 4.

1	2	1	2	1	4	1	4
4	3	5	3	5	3	5	2
2	1	4	1			4	3
5	3	2				2	1

An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

4 1 3 2 5

3			5	3	4	1	5
1			4	1	2	3	2
2	4		2	3	4	1	5

An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

4 5 2 1 3

	2	5		3	4	1	2
5	3	4	2	5		3	
	2	1	3	4			1

Hint - These numbers are missing:

1 1 1 2 1 5 4

1	3	1	3		2	5	2
	2		2	4	3	4	
4	1		3	1		2	

Hint - These numbers are missing:

1 5 5 3 5 4 1

Name: _____

Each row, column, and box must have the numbers 1 through 6.

			2		
4	2		5		
	1			6	
6					5
2		1			

Each row, column, and box must have the numbers 1 through 6.

2			6		1
		4			
			3	5	
		1		3	
5			2		

Circle the digit in the tenths place.

982.9434

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 5.

Every row must contain the numbers 1, 2, 3, 4, and 5.

Every column must contain the numbers 1, 2, 3, 4, and 5.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

10+			8+	
8+	11+			
	3+		12+	5
	5	3+		
5	8+		1	2

Fill in the blanks. These equations are from the puzzle above.

$$2 + \underline{\quad} + \underline{\quad} = 11$$

$$\underline{\quad} + \underline{\quad} + 1 = 8$$

$$\underline{\quad} + 5 + \underline{\quad} = 12$$

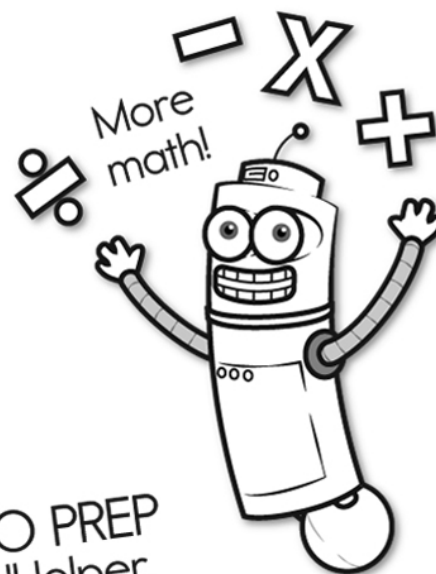
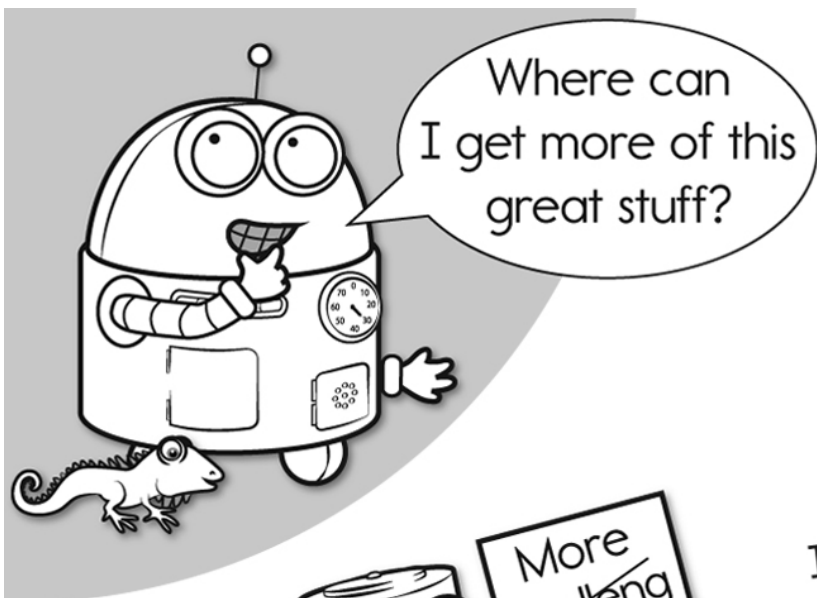
$$\underline{\quad} + \underline{\quad} + 3 = 8$$

$$\underline{\quad} + \underline{\quad} + 3 = 8$$

$$\underline{\quad} + 2 = 3$$

$$1 + \underline{\quad} = 3$$

$$\underline{\quad} + \underline{\quad} + 5 = 10$$

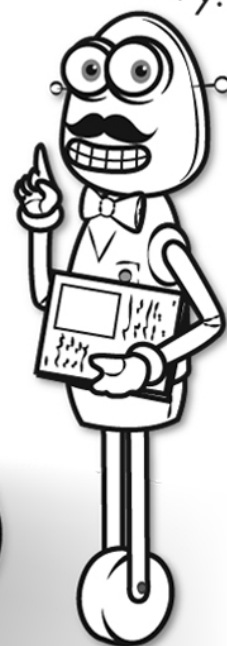


It's NO PREP
at edHelper.

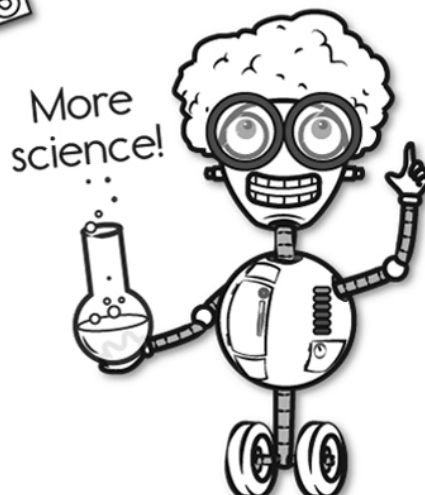
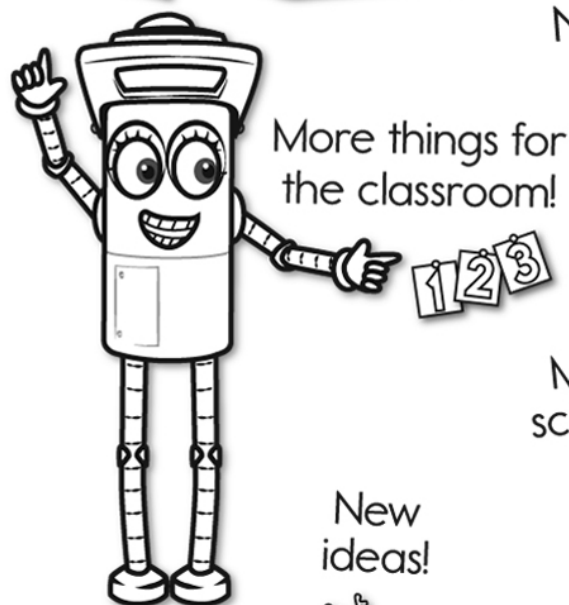
More
history!



edHelper.com!



New online math
games!



New
ideas!



x
+ =
- ÷
< >

More
puzzles!

